

in character, it being understood that only the preferred embodiment has been shown and described and that all changes and modifications that come within the spirit of the invention are desired to be protected.

On page 57, please add a page break and add the following heading and paragraph:

#### **ABSTRACT OF THE DISCLOSURE**

A method of determining one or more physical properties of a rolled smoking article is disclosed, the method comprising disposing a rolled smoking article within a field of view, illuminating the field of view, imaging the rolled smoking article to form an image, and analysing the image to determine one or more physical properties of the rolled smoking article. Preferably the image is a digital image, which may be electronically processed to determine the physical properties. The physical properties may include the length of the rolled smoking article, or its mean diameter, ovality, circumference, roundness or shape. Also disclosed is an apparatus for performing such method comprising imaging means defining the field of view, means for positioning a smoking article in the field of view, illuminating means for illuminating the field of view, and processing means for processing the image to determine one more physical properties.